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23494 7590 09/15/2005

TEXAS INSTRUMENTS INCORPORATED  
 P O BOX 655474, M/S 3999  
 DALLAS, TX 75265

Attn: Abdul Zindani

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Marianna Smith (Depositor's name)  
*Marianna Smith* (Signature)  
 9-22-05 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/809,748	03/15/2001	Chris Heegard	ALA-111	5348

TITLE OF INVENTION: PHASE-LOCKED LOOP INITIALIZATION VIA CURVE-FITTING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	12/15/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
WANG, TED M	2634	375-327000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Abdul Zindani  
 2 W. James Brady III  
 3 Frederick J. Telecky, Jr.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Texas Instruments Incorporated

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Dallas, Texas

09/22/2005 HDESS2 0000062 200668 09809748

01 FC:1501 1400.00 DA  
 02 FC:1504 300.00 DA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

*Abdul Zindani*

Date

9-22-05

Typed or printed name

Abdul Zindani

Registration No.

46,091

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Chris Heegard, et al.

Docket No.: TI-33167

Serial No.: 09/809,748

Art Unit: 2634

Filed: March 15, 2001

Examiner: Ted M. Wang

Customer No.: 23494

Conf. No.: 5348

For: Phase-Locked Loop Initialization Via Curve-Fitting

## CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office 571-273-2885 on the date shown below:

Marianna Smith  
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9-22-05  
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<input type="checkbox"/> <b>DIVISIONAL APP'N</b>	
<b>NAME OF INVENTOR(S):</b> Chris Heegard, et al.	
<b>TITLE OF INVENTION:</b> Phase-Locked Loop Initialization Via Curve-Fitting	
<b>TI FILE NO.:</b> <b>TI-33167</b>	<b>DEPOSIT ACCT. NO.:</b> <b>20-0668</b>
<b>RECEIPT DATE &amp; SERIAL NO.:</b> <b>Serial No.: 09/809,748</b> <b>Filing Date: March 15, 2001</b>	
<b>FAXED:</b> 9/22/2005 <b>DUE:</b> 12/15/2005 <b>ATTY/SEC'Y:</b> AZ/ms	

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